

Appln No. 10/665,303
Amdt date October 17, 2005
Reply to Office action of July 15, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A catheter comprising:
an elongated catheter body having a proximal end, a distal end and a lumen extending longitudinally therethrough;
a control handle attached to the proximal end of the catheter body, the control handle including first and second members that are moveable relative to each other, the second member being attached to the catheter body;
an inner member slidably mounted in the lumen of the catheter body, the inner member having proximal and distal ends and comprising an elongated stiffening member[.]] and having proximal and distal ends, that is surrounded by and connected to a non-conductive cover surrounding the stiffening member, the inner member having a free distal end on which is mounted one or more electrodes, the catheter body comprising a non-conductive sleeve mounted in the lumen of the catheter body, wherein the inner member extends through the non-conductive sleeve;
_____ wherein the proximal end of the inner member is attached to the first member of the control handle[.]]; and
wherein longitudinal movement of the first member of the control handle relative to the second member of the control handle results in longitudinal movement of the inner member relative to the catheter body to cause the inner member to extend out of [[and]] or retract into the catheter body.
2. (Original) The catheter of claim 1, further comprising means for deflecting the distal end of the inner member.

3. (Original) The catheter of claim 1, further comprising a puller wire extending through the catheter body and inner member, the puller wire having a distal end anchored at or near the distal end of the non-conductive cover and a proximal end anchored to a third member of the control handle, the third member being moveable relative to the second member so that movement of the third member relative to the second member results in longitudinal movement of the puller wire relative to the catheter body to thereby deflect the distal end of the inner member.

4. (Original) The catheter of claim 1, wherein an atraumatic tip is provided at the distal end of the non-conductive cover.

5. (Original) The catheter of claim 1, wherein a plastic cap is mounted at the distal end of the non-conductive cover.

6. (Original) The catheter of claim 1, wherein the inner member carries from about 2 to about 20 ring electrodes along its length.

7. (Original) The catheter of claim 1, wherein the inner member carries from about 3 to about 15 ring electrodes along its length.

8. (Original) The catheter of claim 1, further comprising one or more electrodes mounted at or near the distal end of the catheter body.

9. (Original) The catheter of claim 1, wherein the inner member further comprises at least one location sensor.

10. (Currently Amended) The catheter of claim 1, wherein the inner member is moveable between a ~~fully~~ retracted position, wherein the ~~entire~~ inner member is generally

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contained within the lumen of the catheter body, and ~~a fully~~ an extended position, wherein ~~all of~~ the one or more electrodes on the inner member are generally positioned beyond the distal end of the catheter body.

11. (Currently Amended) The catheter of claim 10, wherein ~~the inner member,~~ ~~wherein~~ when the inner member is in the fully extended position, it has an exposed length ranging from about 10 mm to about 200 mm.

12. (Currently Amended) The catheter of claim 1, wherein the lumen ~~[[in]]~~ is coaxial with the catheter body.